

Meeting Minutes Transmittal

LIQUID PROCESSING AND CAPSULE STORAGE

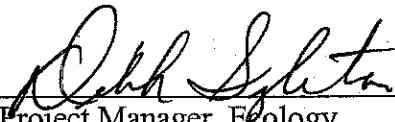
Project Managers Meeting

825 Jadwin/Room 590A

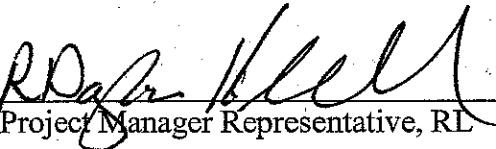
Hanford, Washington

February 23, 2005

The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Project Managers Meeting. Signatures denote concurrence with content only and are not intended to imply agreement to any commitments.


Project Manager, Ecology

Date: 3-23-05


Project Manager Representative, RL

Date: 3-23-05


Project Manager Representative, FH WMP

Date: 3/23/05

RECEIVED
APR 05 2005
EDMC

200 LPCS Administrative Record	H6-08
RD Hildebrand	A6-38
DG Singleton	H0-57
KA Conaway	H0-57
RW Szelmeczka	S6-72

**LIQUID PROCESSING AND CAPSULE STORAGE
PROJECT MEETING
825 Jadwin/Room 590A
Hanford, Washington
February 23, 2005**

11:00 a.m. to 11:30 a.m.

Agenda

- I. Approval of January 27, 2005 Liquid Processing And Capsule Storage Project Meeting Minutes (Ecology/DOE-RL/FH)
- II. Operational Status
- III. Project Specific Issues
 - A. Delisting Petition
 - B. Status of RCRA Permit Revisions
 - C. 310/340 Status
 - D. ST4502 Permit Status
- IV. General Discussions
 - A. Status of Applicable Milestones
 - B. LERF
- V. Status of Actions
- VI. New Action Items
- VII. Next Project Managers Meeting

LIQUID PROCESSING AND CAPSULE STORAGE
PROJECT MEETING MINUTES

Project Managers Meeting
825 Jadwin/Room 590A
Hanford, Washington

February 23, 2005

- I. Approval of January 27, 2005 Liquid Processing and Capsule Storage Project Meeting Minutes (Ecology/DOE-RL/FH). The October 28, 2004 and December 16, 2004 PMM minutes were approved by DOE-RL. The January 27, 2005 PMM minutes were approved by all the parties.
- II. Operational Status (Roger Szelmezcza FH)
 - LIQUID EFFLUENT RETENTION FACILITY (LERF)
 - UP-1 pump-and-treat groundwater pumps shutdown at 0620 hrs on 1/26/05.
 - Waste Inventory (2/1/05)
 - Basin 42 - Liquid Level: 6.0 ft or 1.2 Mgal
 - Basin 43 - Liquid Level: 21.8 ft or 7.5 Mgal
 - Basin 44 - Liquid Level: 17.5 ft or 5.3 Mgal
 - Received 9 tanker shipments during January
 - Basin 42 received 35,000 gallons wastewater from the 207-SL Basin
 - Basin 44 received 16,000 gallons from 105-KE
 - EFFLUENT TREATMENT FACILITY (ETF)
 - ETF processing Basin 42 RCRA wastewater
 - 200 AREA TREATED EFFLUENT DISPOSAL FACILITY (TEDF)
 - Receiving wastewater at 38 gpm
 - 300 AREA TREATED EFFLUENT DISPOSAL FACILITY (310 TEDF)
 - Operating normally
 - 340 COMPLEX
 - No problems
- III. Project Specific Issues
 - A. Delisting Petition
 1. A meeting to discuss the delisting petition is scheduled with Dave Bartus (EPA) for March 2, 2005.
 - B. Status of RCRA Permit Revisions
 1. Tony Miskho (FH) is preparing proposed language to the closure plan for the piping, and will review the language in the 324 Building closure plan. Mr. Miskho will provide a draft at the next PMM.
 - C. 310/340 Status
 1. Mr. Szelmezcza provided a draft surveillance and maintenance plan for the 340 facility (attached), which was requested by Jeanne Wallace (Ecology). Ms. Singleton indicated that Ms. Wallace would provide comments by March 10, 2005.

D. ST4502 Permit Status

1. Mr. Szelmezcza stated that the ST4502 permit has been submitted to Ecology for review. The 222-S lab is looking at updating their BAT/AKART report to address the fact that their wastewater no longer meets the waste acceptance criteria, mainly due to the high iron level in the water from the rust in the old pipes. There are also high chloride levels coming from the package broilers, which are basically water softener regenerators.

IV. General Discussions

A. Status of Applicable Milestones

1. Following a brief discussion, it was agreed to discontinue this agenda item.

B. LERF

1. Ms. Singleton stated that discussion of this topic is on hold until Kathy Conaway (Ecology) returns from vacation. Mr. Miskho noted that groundwater issues continue to be discussed at the Permit Board meetings with Greta Davis (Ecology), and those issues will need to be resolved before permit renewal occurs.

V. Status of Actions

- A. 1129 - The meeting scheduled for January 6, 2005 with Ecology was not held as previously reported. The topic of this discussion will be to explore the monitoring requirements for LERF. Ms. Singleton stated that an internal meeting with the groundwater group is scheduled for March 17, 2005. It was agreed to schedule a meeting with RL/FH after that meeting was held.
- B. 1240 - An initial draft was prepared and the language in the 324 closure plan will be reviewed.
- C. 1241 - A copy was provided to Ecology. Task is complete.

VI. New Action Items

- A. There were no new action items.

VII. Next Project Managers Meeting

- A. The next PMM was scheduled for March 23, 2005.

Environmental Request Information System

Task Status Report

Group by Facility

Filtered on: Status = Open; Category = PMM

Liquids Processing & Capsule Storage

Task ID: 1129 Set up a meeting with Ecology to discuss to discuss monitoring requirements for LERF.

Task Lead: Hildebrand, Doug

Waste Stabilization and Disposition/Liquids Processing & Capsule Storage

POC: Szelmeeczka, Roger

Classification: Open

Category: PMM

	Project	DOE	Agency
Due:	N/A	N/A	N/A
Complete:	N/A	N/A	N/A

Closed Date:

Description: Set up a meeting with Ecology to discuss monitoring requirements for LERF.

Date	Status
2/23/2005	The meeting with Ecology was not held as previously reported. The topic of the discussion will be to explore the monitoring requirements for LERF. An internal meeting with the Ecology groundwater group is scheduled for 3/17. A meeting with FH and RL will be scheduled after this meeting is held.
1/27/2005	A meeting was held January 6, 2005.
12/16/2004	A meeting is tentatively scheduled for January 6, 2005.
10/28/2004	Task opened.

Task ID: 1240 Provide draft closure plan language for ETF/LERF to Ecology

Task Lead: Miskho, Tony

Waste Stabilization and Disposition/Liquids Processing & Capsule Storage

POC: Szelmeeczka, Roger

Classification: Open

Category: PMM

	Project	DOE	Agency
Due:	N/A	N/A	N/A
Complete:	N/A	N/A	N/A

Closed Date:

Description: Provide draft closure plan language for ETF/LERF to Ecology and review the draft closure plan language for the 324 building.

Date	Status
2/23/2005	An initial draft was prepared and the language in the 324 closure plan will be reviewed.
1/27/2005	Task opened.

340 Facility Surveillance and Maintenance**1.0 Purpose**

This procedure describes the minimum surveillance and maintenance activities for managing the 340 Facility until it is dispositioned.

2.0 Scope

340 Facility as described below:

340 Building/annex -- a control room, decontamination area, mechanical equipment room, change and rest rooms, truck lock area, and an operator's office. The process water, vacuum, 340-Decon ventilation, firewater, and compressed dry air subsystems are contained within these structures. Many of the subsystems are in lay-up status.

Vault -- below-grade concrete vault containing two 57-kL (15,000-gal) tanks which are empty and isolated.

340-NT-EX stack ventilation system -- adjacent to vault and HEPA filtered.

340-A Building -- houses six 30-kL (8,000-gal) above ground tanks that were used for auxiliary radioactive liquid waste (RLW) storage; tanks vented through vault ventilation system. The above ground tanks are empty and isolated.

340 B Building -- divided into the east portion and west portion. The west portion houses the inactive 340-B Building ventilation equipment. The building is isolated from the vault.

The RLW System (RLWS) -- underground piping which connected specific, individual 300 Area buildings to the vault tanks for liquid transfers. This system has been drained and isolated.

The 307 Basins and 307F sample shack, which are physically located within the 340 Facility fence-line, are not considered part of the 340 Facility and are beyond the scope of this procedure.

340 Facility Surveillance and Maintenance**3.0 Requirements****3.1 Surveillance and Maintenance Description**

All tanks have been emptied to the maximum extent practical; all tank waste transfer operations have permanently ceased; and all associated piping has been isolated. The removal of Special Case Waste from the 340 vault tanks in 1998 (ref 4.1) reduced the volume in these tanks to the lowest pumpable level and subsequent evaporation continued the volume reduction. The vault tanks were found to be structurally sound in 1996 (ref 4.2), and no additional tank integrity testing will be performed. The vault is considered a high radiation/high contamination area and an airborne contaminated area. Physical entry into the vault for any reason is restricted for ALARA considerations.

The surveillance and maintenance activities described below will protect the public and the environment from any spills and releases which could occur from the 340 Facility. Surveillance requirements for air emissions are performed as required by the Air Operating Permit (AOP). The vault has a low potential to receive precipitation run on and will be checked for accumulations on an annual basis. Surveillance and maintenance (S&M) is mainly to avoid the creation of additional waste and prevent waste migration out of the vault. No surveillance and maintenance activities will be performed for the RLWS.

Due to continued operation of the nearby 307 Basins, additional surveillance, beyond that called for below, may be required in portions of the 340 Facility.

3.2 Surveillance and Maintenance Activities

- 3.2.1 Surveillance requirements for air emissions are performed as required by the Air Operating Permit (AOP) per 340-SV-002.
- 3.2.2 Maintain condition of the three ventilation systems (340-NT-EX, 340-B-Bldg, and 340-DECON) and monitor the stack effluents as required by AOP per 340-SV-002.
- 3.2.3 As a best management practice, perform an annual inspection at the 340 Building/Annex, 340-A Building, and the 340-B Building.
- 3.2.4 As a best management practice, monitor liquid level in the vault sump on an annual basis. If liquid accumulations are detected on the vault floor, a determination will be made if the source is external (e.g., precipitation or broken water line) or due to a leaking tank, and the appropriate response actions will be taken.
- 3.2.5 As a best management practice, annually inspect the vault roof, providing a "good-faith" observation for structural integrity. If there is any extensive activity scheduled to occur on the vault cover blocks, a more detailed inspection will be

340 Facility Surveillance and Maintenance

performed as appropriate.

- 3.2.6 As a best management practice, undertake corrective maintenance and preventive maintenance (including calibrations and functional checks) as warranted and necessary.

4.0 **Bibliography**

- 4.1 Letter # 03-RCA-0369, "Contract No. DE-AC06-96RL13200 - Completion of 340 Complex Portion of Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Interim Milestone M-92-16," K.A. Klein to D.B. Van Leuven, Sept. 9, 2003.
- 4.2 WHC-SD-WM-ER-546, "340 Facility Waste Tank System Integrity Assessment Report," E.J. Walter (independent, registered PE), May 15, 1996.

